

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

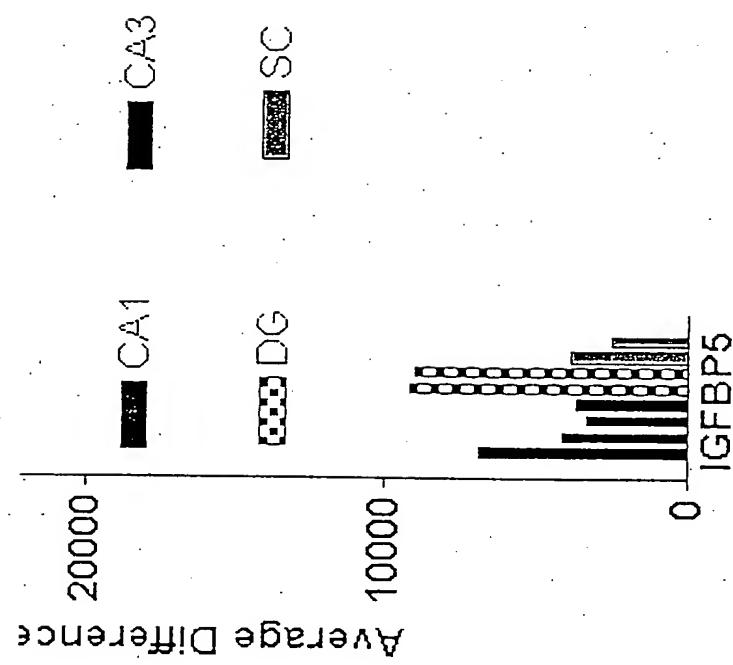


FIG. 1

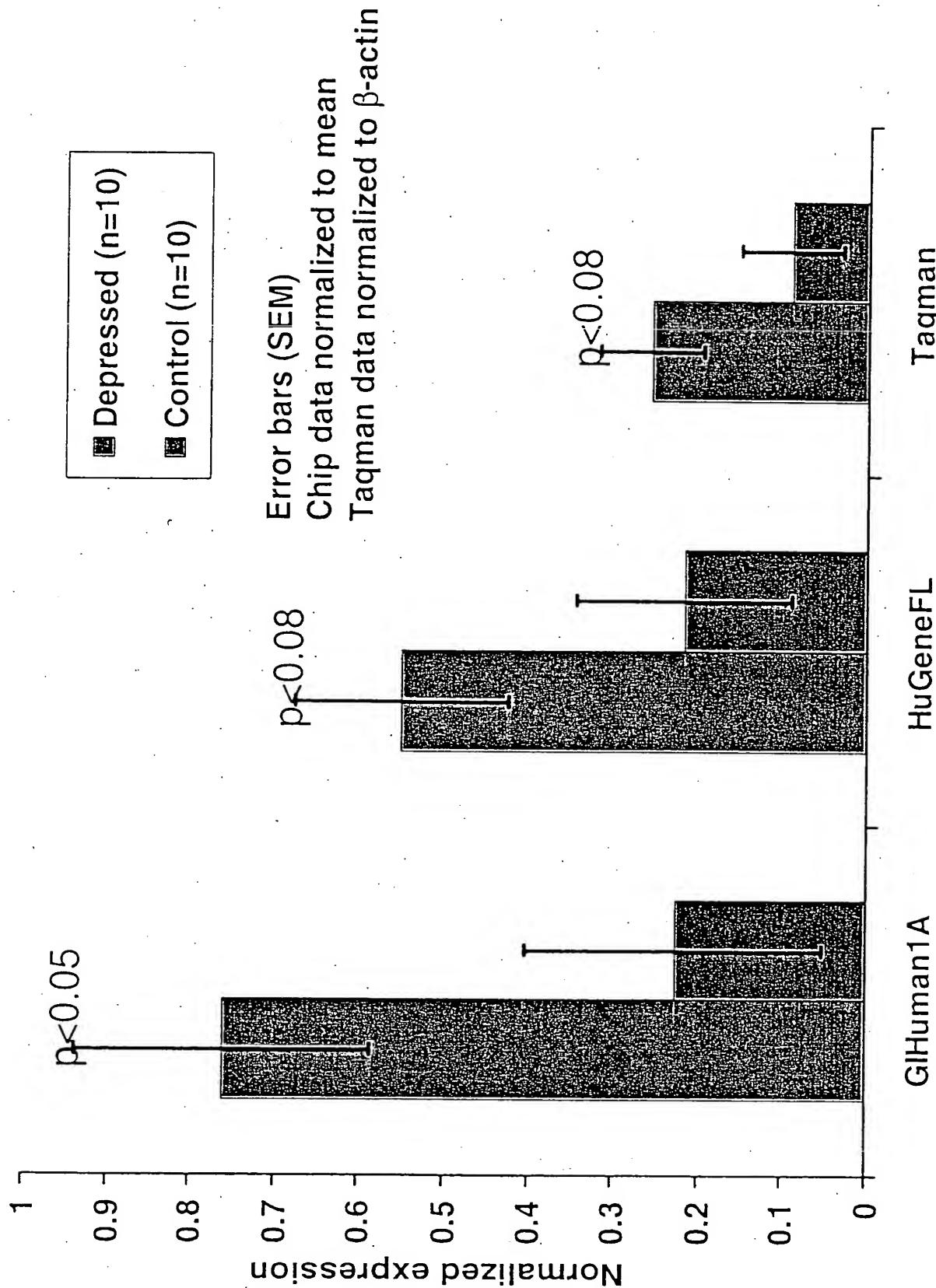
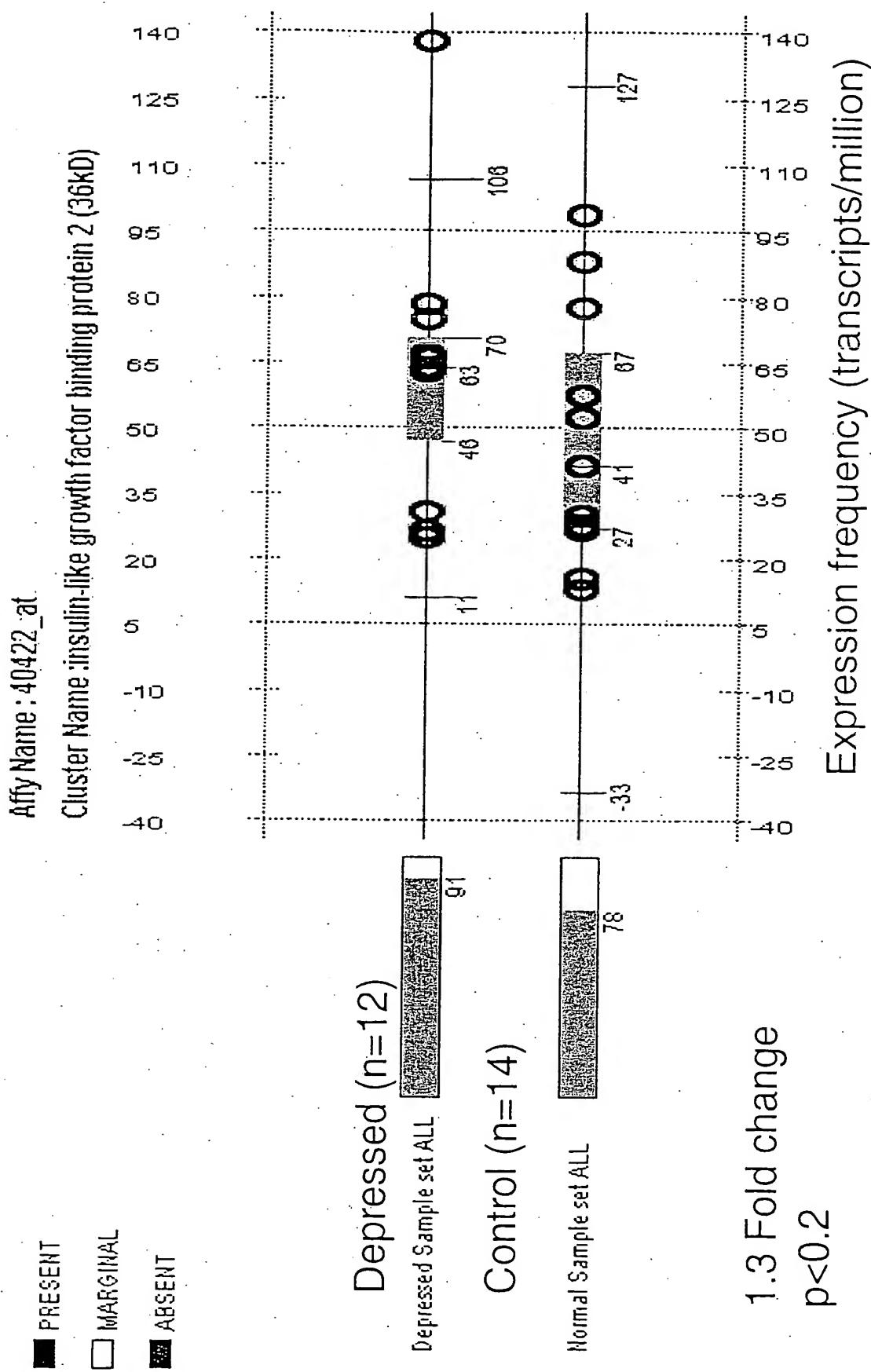


FIG. 2



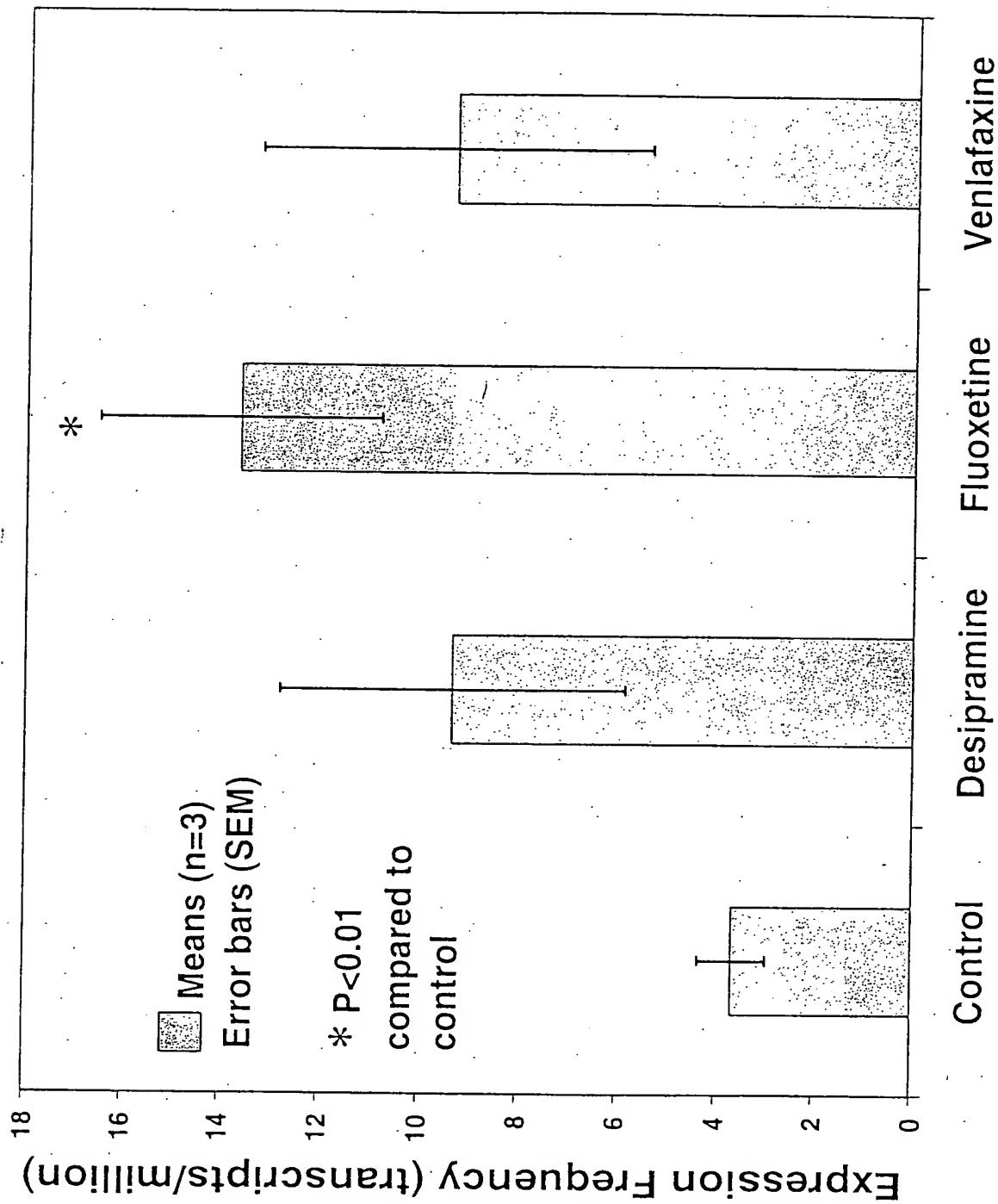
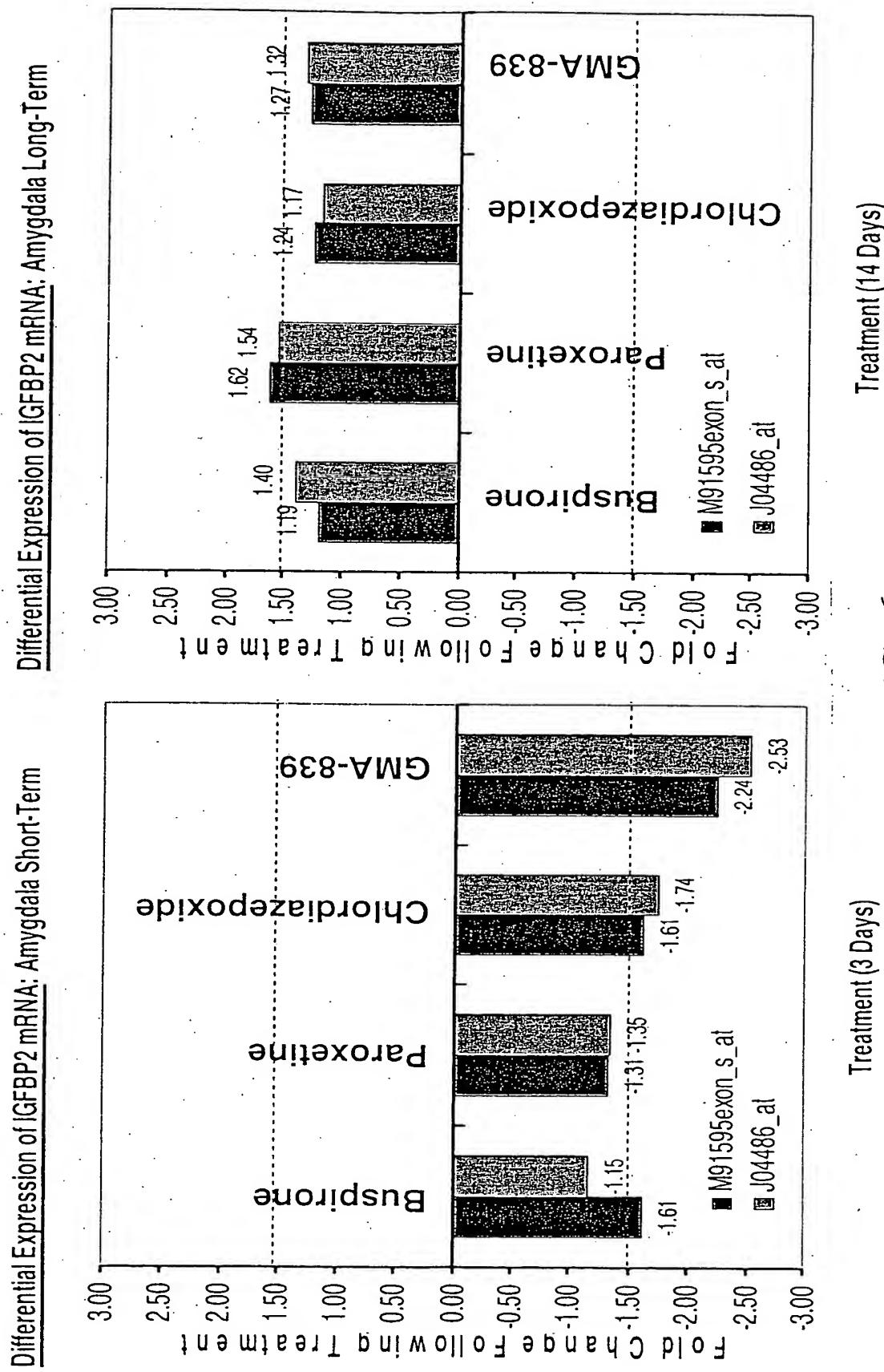


FIG. 4

Original gel spot #	Protein Identity	Function	Venlafaxine (Fold change)	Fluoxetine (Fold change)	Accession#	MOWSE score	Protein Area Coverage	Mr/pl	Species
87	GF-1A precursor	GH is an important regulator of IGF-1 expression Secreted/Growth-promoting activity.	2.9	2.5	P08025	7.07E+01	28%	17079/95	Rat

FIG. 5



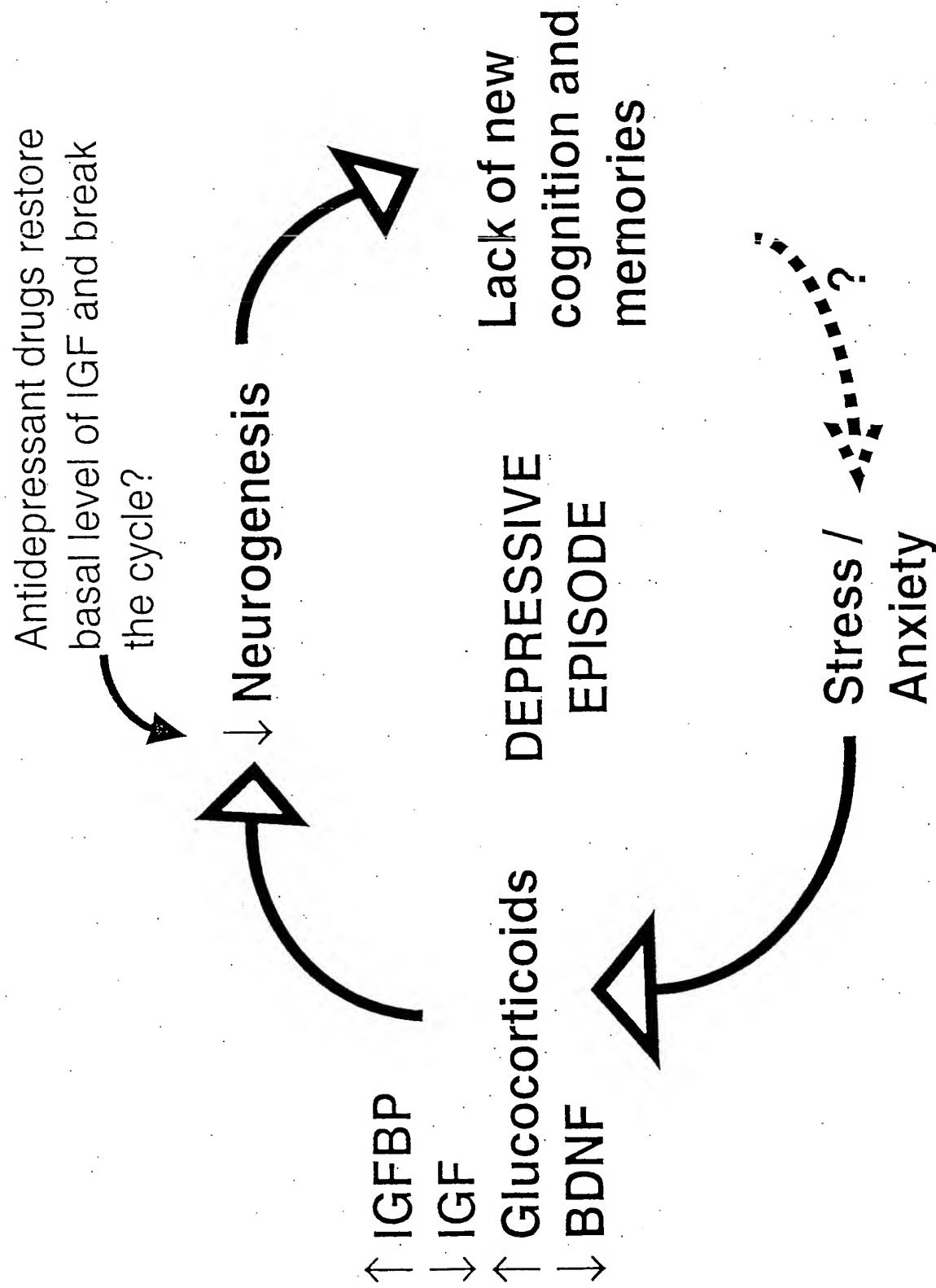
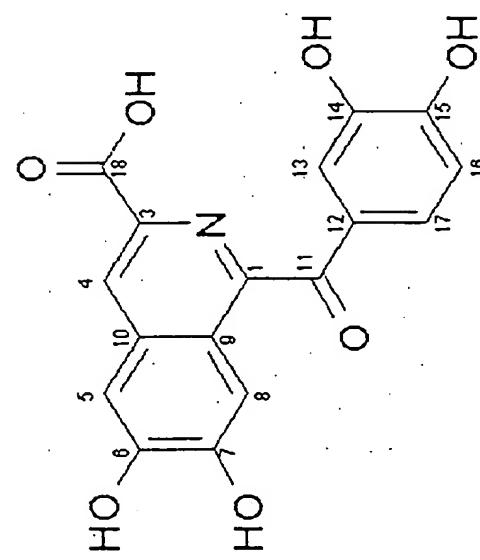
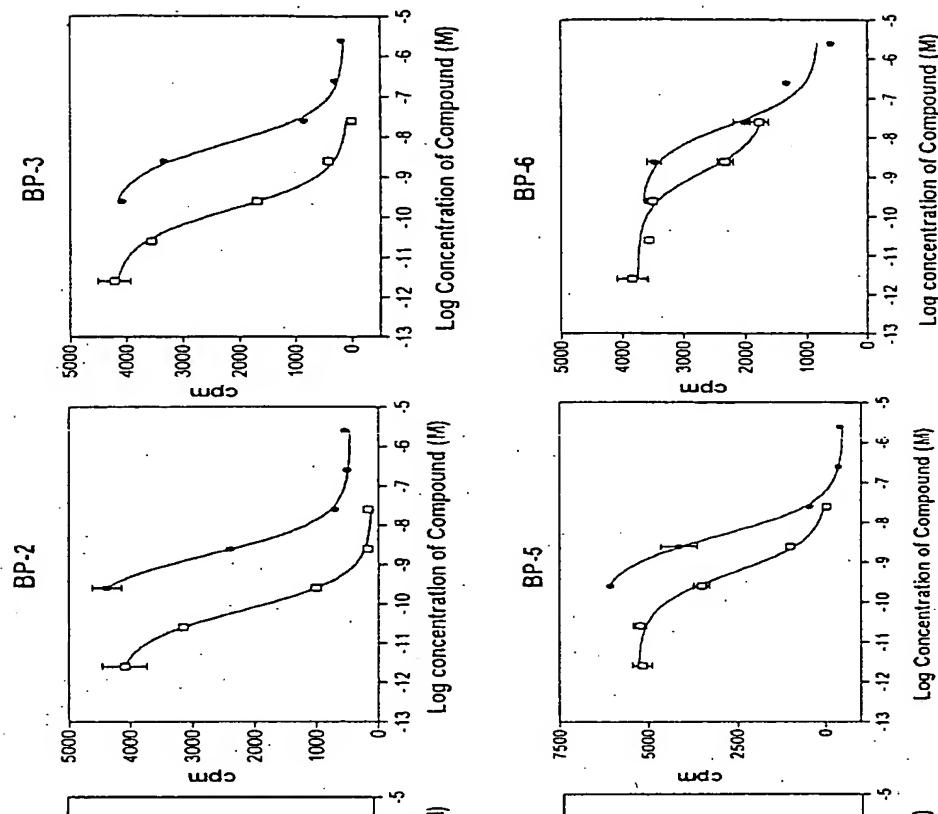


FIG. 7



(Liu et al, Neurocrine Biosciences, JBC 276:32419, 2001)

FIG. 8

9/10

51	IGFBP1	procE RALAC <sup>APP</sup>	.....	.....	AVCE LYRE <sup>CC</sup> CC	TCALSE <sup>CC</sup> OP
	IGFBP5	procE KALGMC <sup>PPSP</sup>	.....	.....	.....	TCALAE <sup>CC</sup> OP
	IGFBP2	procE RLAAC <sup>PPP</sup>	.....	.....	UCLCE LVKEP <sup>CC</sup> CC	TCALAE <sup>CC</sup> EA
	IGFBP4	procE VAPPANAV <sup>AV</sup>	.....	.....	AVGRIPCE <sup>CC</sup> CC	TCALAE <sup>CC</sup> EA
	IGFBP1	procE KLA <sup>CCP</sup>	.....	.....	.....	TCALU <sup>CC</sup> IP
	IGFBP6	procE SVA <sup>CCP</sup>	.....	.....	VSASCE VTR <sup>CC</sup> CC	TCALU <sup>CC</sup> IP
	IGFBP7	procE	.....	.....	.....	TCALU <sup>CC</sup> IP

101. 150  
**GFBP3** \_proto CAVUTERCE3 SFLCOPSD6 APLQALD6 RLCVMA5V SRLRAYLPPA  
**GFBP5** \_proto CAVUTERCA3 SFLRIPQKE EXPFLHALL6 RECVLNE... . . . . .  
**GFBP2** \_proto CAVUTPRC2 SFLRIPQPS ELPLQALVH ETCERKRD4 EY... . . . .  
**GFBP4** \_proto CAVUTPRC4 SFLRIPRIN EXPFLHLLR6 QNCHEL... A EIE... AIE  
**GFBP1** \_proto CAVUTARC5 SFLRIPRLP6 EPLRFLHLL6 QNCHEL... A EIE... AIE  
**GFBP6** \_proto CAVUTP6C6 SFLRIPKUD6 EPLRFLHLL6 QNCHEL... A EIE... AIE  
**GFBP7** \_proto CAVUTP7C6 SFLRIPKUD6 EPLRFLHLL6 QNCHEL... A EIE... AIE

250  
**FBP3** \_proto HANDS&RTY DYSEOSTH. B. .... F3 SEGRETEY: PCRENEETL  
**FBP5** \_proto AVKIDIRREKL TYSKFWV. AE MTAHPRISA PEHRSSEY: PCRHNEASL  
**FBP2** \_proto .... REKV TEZQRQH. KG SKHHLGEEP KKLPPPART PCQZELQNL  
**FBP4** \_proto .... RORS T. .... S0 .KMANVAPR EDARVPP. QI SCSEYLRAI  
**FBP1** \_proto MTAHKWK. .... .... .... E PCRLTYRAV  
**FBP6** \_proto .... RPQD VHSRDCRUP :STSTPSWPV SKWVETEN: PCRHLSVY  
**FBP7** \_proto .... .... .... .... .... ....

		300
FBP3	proto	WILKERTLVS PR:.....
FBP5	proto	QELKASPRIV PR:.....
FBP2	proto	ERSTURBLPD ERPLEHLYS
FBP4	proto	ERIAA.....S CSETHIIDLY
FBP1	proto	ESU.....KA QTS:TEISK
FBP6	proto	QNL.....QTEVPR:AGT
FBP7	proto	.....

BPI_3	proc	VD	KT-PP- VDT-KP-KLVN HCYSHOSK--	350
BPI_5	proc	VD	KT-KHMD- -HEVY. D-IV CHTT OSSIN E--	
BPI_2	proc	VD	WT-PTGK Q CAPTI. RDP ECHLTUEK <sup>2</sup> EAKVITQH Q--	
BPI_4	proc	VD	WT-KTAKV -KLEP. KELP DCHGLAEDR E--	
BPI_1	proc	VD	WT-WKSKR P -SPEL. RDP HCOVITWVQ--	
BPI_6	proc	VD	WT-WKSKR P -SPEL. RDP HCOVITWVQ--	
BPI_5	proc	VD	WT-WKSKR P -SPEL. RDP HCOVITWVQ--	
BPI_7	proc	VD	WT-WKSKR P -SPEL. RDP HCOVITWVQ--	

### IGFBP3\_protein

### IGFBP5\_protein

## IGFBP4\_protein

## IGFBP1\_protein

GEODESIC

FIG. 9

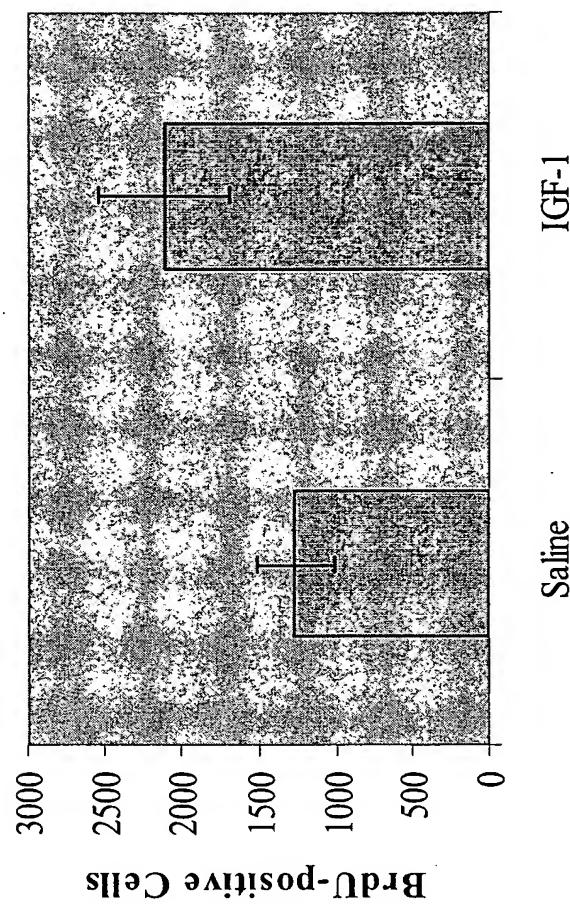


FIG. 10